

Page 46, replace the paragraph beginning at line 12 with the corresponding replacement paragraph provided in Appendix 1.

Page 46, replace the paragraph beginning at line 28 with the corresponding replacement paragraph provided in Appendix 1.

Table 1, replace the first page of Table 1 with the attached replacement page.

Table 3, replace Table 3 with the attached replacement Table 3.

In the Claims:

1 Clean copies of the amended claims are provided in Appendix 3 attached hereto.

2

3 9. (Twice Amended) An isolated, purified, or enriched nucleic acid sequence at
4 least 15 nucleotides in length, wherein said sequence corresponds to at least a portion of a
5 bacteriophage 77 open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO.
6 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9) sequence.

7

8 12. (Amended) A recombinant vector comprising a nucleic acid sequence at
9 least 24 nucleotides in length corresponding to a portion of bacteriophage 77 open reading frame
10 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID
11 NO. 8), or 182 (SEQ ID NO. 9).

12

13 13. (Amended) A recombinant cell comprising a vector, wherein said vector
14 comprises a nucleic acid sequence at least 24 nucleotides in length corresponding to at least a
15 portion of bacteriophage 77 open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43
16 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

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18 33. (Amended) The nucleic acid sequence of claim 9, wherein said open
19 reading frame is open reading frame 17 (SEQ ID NO. 4).

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21 34. (Amended) The nucleic acid sequence of claim 9, wherein said open
22 reading frame is open reading frame 19 (SEQ ID NO. 5).
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24 35. (Amended) The nucleic acid sequence of claim 9, wherein said open
25 reading frame is open reading frame 43 (SEQ ID NO. 6).
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27 36. (Amended) The nucleic acid sequence of claim 9, wherein said open
28 reading frame is open reading frame 102 (SEQ ID NO. 7).
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30 37. (Amended) The nucleic acid sequence of claim 9, wherein said open
31 reading frame is open reading frame 104 (SEQ ID NO. 8).
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33 38. (Amended) The nucleic acid sequence of claim 9, wherein said open
34 reading frame is open reading frame 182 (SEQ ID NO. 9).
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36 40. (Amended) The nucleic acid sequence of claim 9, wherein said open
37 reading frame is open reading frame 17 (SEQ ID NO. 4).
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39 41. (Amended) The nucleic acid sequence of claim 9, wherein said open
40 reading frame is open reading frame 19 (SEQ ID NO. 5).
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42 42. (Amended) The nucleic acid sequence of claim 9, wherein said open
43 reading frame is open reading frame 43 (SEQ ID NO. 6).
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45 43. (Amended) The nucleic acid sequence of claim 9, wherein said open
46 reading frame is open reading frame 102 (SEQ ID NO. 7).
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48 44. (Amended) The nucleic acid sequence of claim 9, wherein said open reading
49 frame is open reading frame 104 (SEQ ID NO. 8).
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51 45. (Amended) The nucleic acid sequence of claim 9, wherein said open
52 reading frame is open reading frame 182 (SEQ ID NO. 9).
53

54 48. (Amended) An isolated, purified, or enriched nucleic acid sequence at least
55 15 nucleotides in length, wherein said sequence encodes a portion at least 5 amino acids in
56 length of a polypeptide encoded by a bacteriophage 77 open reading frame 17 (SEQ ID NO. 4),
57 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182
58 (SEQ ID NO. 9).

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60 49. (Amended) The nucleic acid sequence of claim 48, wherein said open
61 reading frame is open reading frame 17 (SEQ ID NO. 4).

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63 50. (Amended) The nucleic acid sequence of claim 48, wherein said open
64 reading frame is open reading frame 19 (SEQ ID NO. 5).

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66 51. (Amended) The nucleic acid sequence of claim 48, wherein said open
67 reading frame is open reading frame 43 (SEQ ID NO. 6).

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69 52. (Amended) The nucleic acid sequence of claim 48, wherein said open
70 reading frame is open reading frame 102 (SEQ ID NO. 7).

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72 53. (Amended) The nucleic acid sequence of claim 48, wherein said open
73 reading frame is open reading frame 104 (SEQ ID NO. 8).

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75 54. (Amended) The nucleic acid sequence of claim 48, wherein said open
76 reading frame is open reading frame 182 (SEQ ID NO. 9).

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78 59. (Amended) The sequence of claim 58, wherein said open reading frame is
79 open reading frame frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102
80 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

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82 61. (Amended) The sequence of claim 60, wherein said open reading frame is
83 open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID
84 NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

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